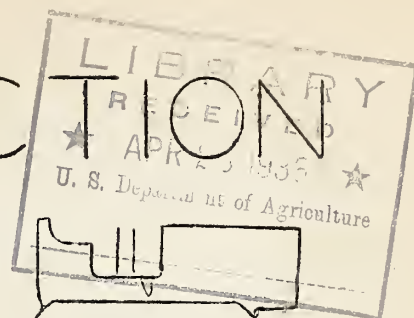


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CONSTRUCTION



HINTS

UNITED STATES DEPARTMENT OF AGRICULTURE, FOREST SERVICE

Vol. 2

Washington, D. C.

April 18, 1936.

No. 8

TATUM HOLDERS

Submitted by Chas. H. Forward, Region 10, Alaska.

To render waterproof and securely fasten a typed formulae or table in an aluminum tatum holder, roughen the surface of the aluminum with sandpaper, cover with a moderately heavy coating of "Little Bear Fabric Cement", and place paper smoothly in place, pressing it down into the cement. Let dry ten minutes, then carefully spread a coat of the cement over the paper and well out over the edges. A good grade of bond paper is most desirable, but any grade, including carbon copies of typed matter may be used if care is exercised in spreading the cement covering. This cement is waterproof and transparent, and well adapted to the purpose. Tables have been used for two and even three seasons during wet weather, in a country having 130 inches average annual rainfall, without loosening from the tatum.

Construction Superintendent Val Staley of the Black Hills Forest in Region 2 says:

"A 3 inch iron pipe, 6 feet long, with a log chain through the center and fastened tight will make a good towing cable. It is especially good for dead trucks. The chain should be fastened to both truck frames."

"Pieces of 2x4, sawed the same length as the track width, and bolted to the track plates, help in moving a tractor over oiled or paved roads."

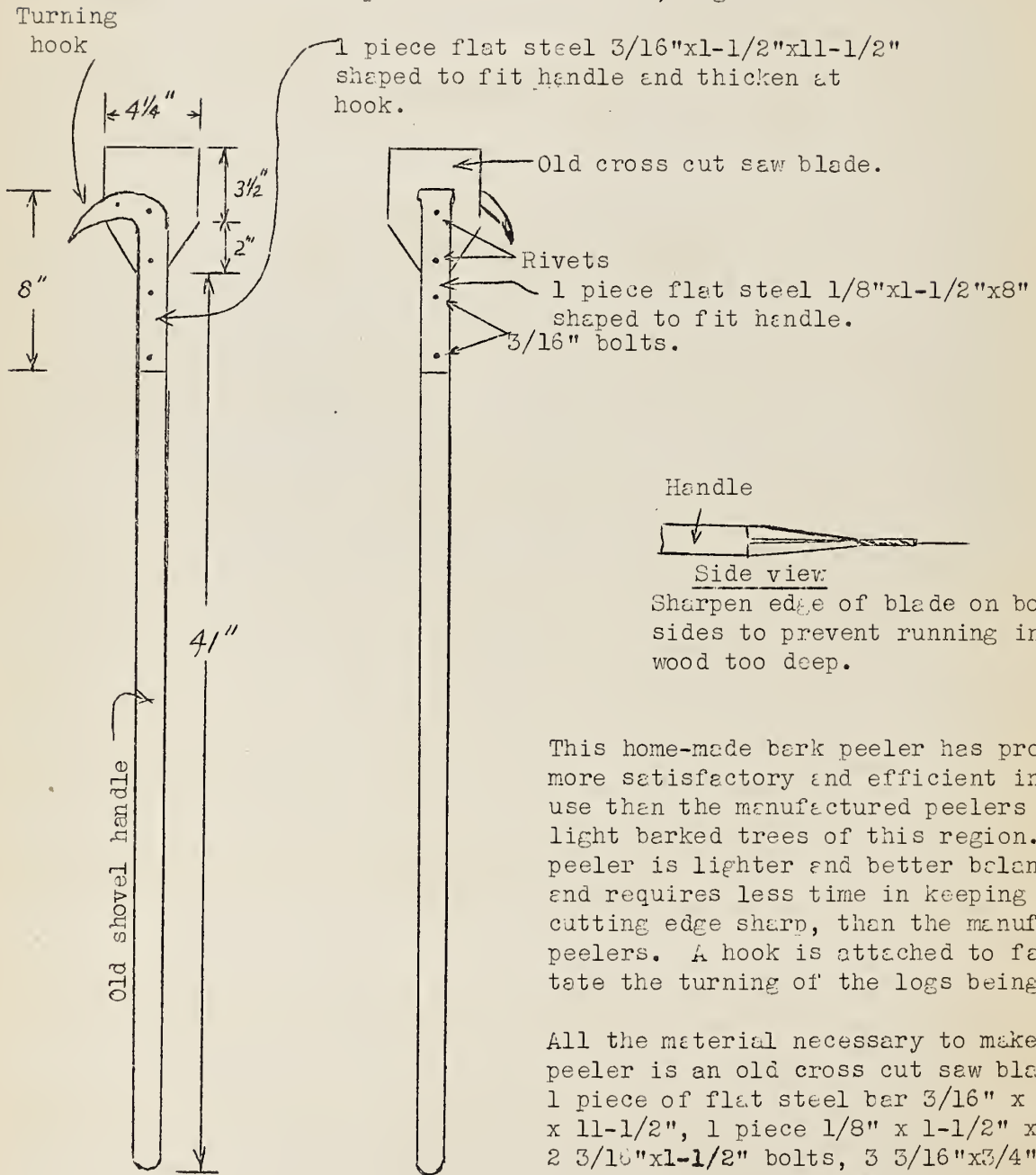
The illustration showing repairs of worn trailbuilder moldboards described in the last issue was inadvertently omitted. See it in this issue.

--THE EDITOR

(Over)

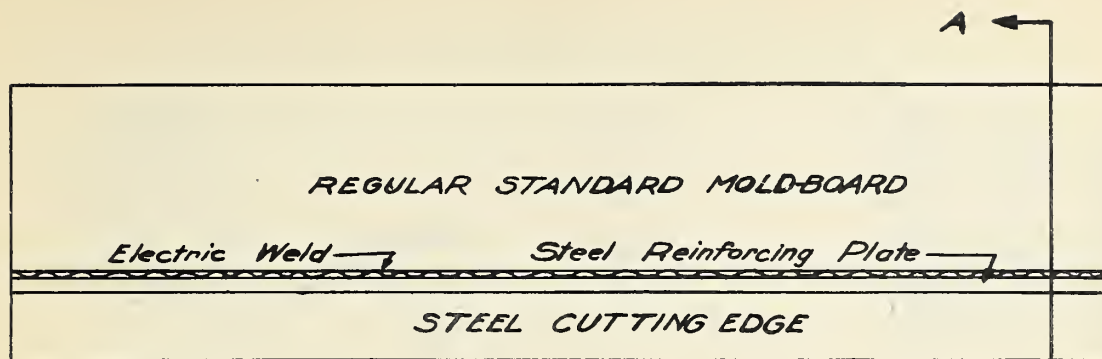
BARK PEELER

Submitted by D. O. Johnson, Forest Ranger
Arapaho National Forest, Region 2



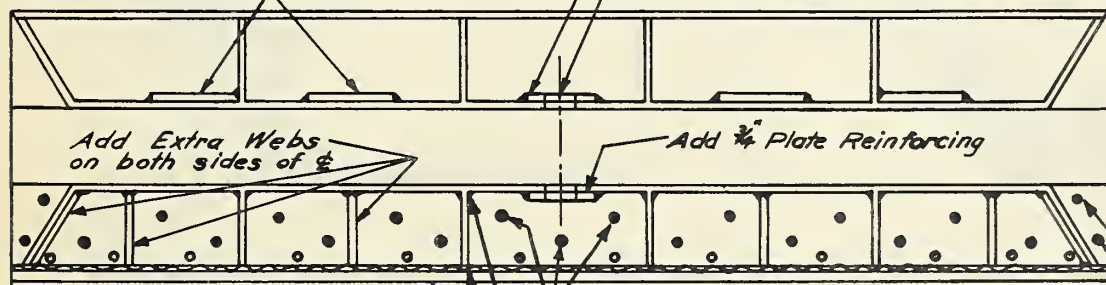
This home-made bark peeler has proven more satisfactory and efficient in actual use than the manufactured peelers on the light barked trees of this region. This peeler is lighter and better balanced, and requires less time in keeping the cutting edge sharp, than the manufactured peelers. A hook is attached to facilitate the turning of the logs being peeled.

All the material necessary to make this peeler is an old cross cut saw blade, 1 piece of flat steel bar 3/16" x 1-1/2" x 11-1/2", 1 piece 1/8" x 1-1/2" x 8", 2 3/16"x1-1/2" bolts, 3 3/16"x3/4" rivets, and an old shovel handle.



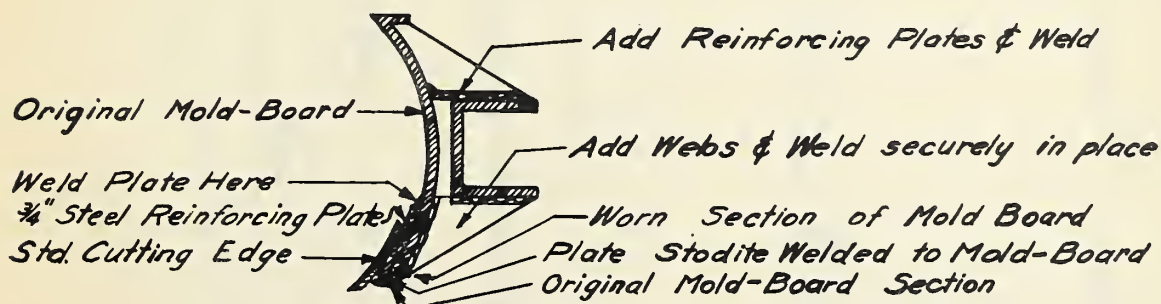
Add Reinforcing Plates
& Weld in place

King Pin Bushing in place
3" Hole for King Pin.



BACK ELEVATION

Scale $\frac{3}{4}"=1'$



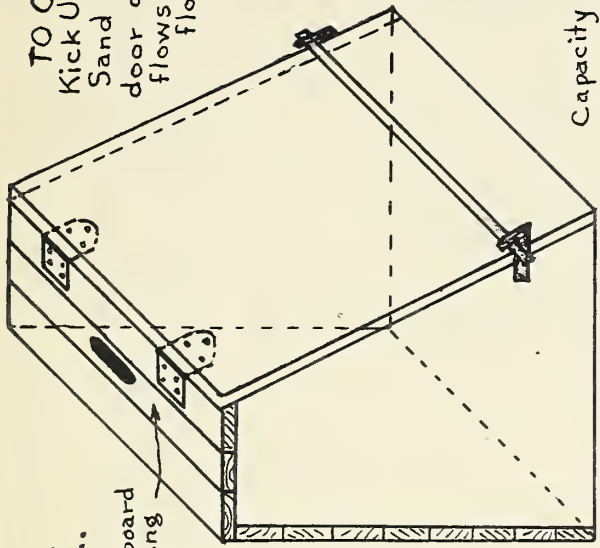
ALLEGHENY NATIONAL FOREST
TRAILBUILDER REPAIR
WORN MOLD-BOARDS
Scales Shown Feb. 1936

A.N.F. Plan No. 20

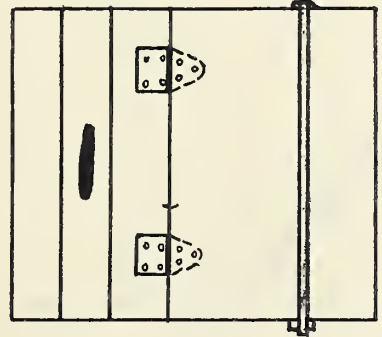
SAND BOX.

TO OPEN.
Kick Up On Bar.
Sand forces
door open, then
flows out on
floor.

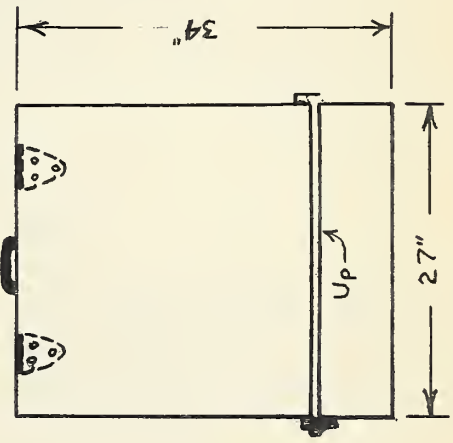
Loose board
for filling



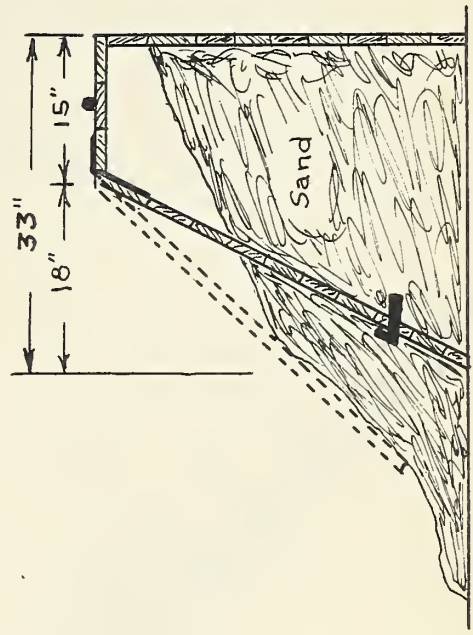
Capacity 12.5 cu.ft.



TOP VIEW



FRONT VIEW



SIDE VIEW.

No.2. Straight "D"
hand shovel to
hang on wall for
fire use only.
Shovel and box
painted RED

DESIGNED BY
Nicolas Blazwich
Asst. Leader.
Himley Lake Camp
F.45- ccc. co. 1655
Nicolet - Oconto
REGION 9

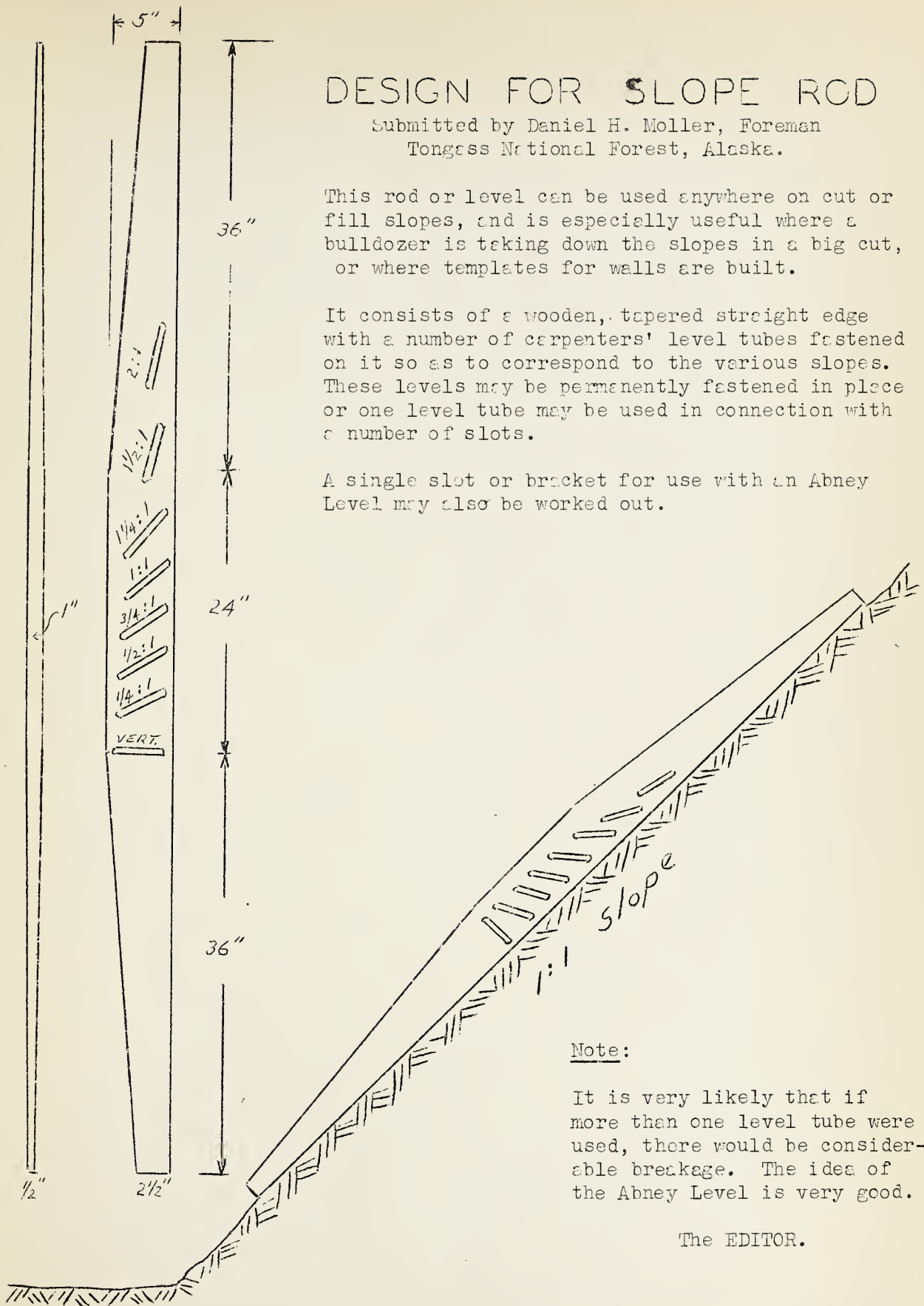
DESIGN FOR SLOPE ROD

Submitted by Daniel H. Moller, Foreman
Tongass National Forest, Alaska.

This rod or level can be used anywhere on cut or fill slopes, and is especially useful where a bulldozer is taking down the slopes in a big cut, or where templates for walls are built.

It consists of a wooden, tapered straight edge with a number of carpenters' level tubes fastened on it so as to correspond to the various slopes. These levels may be permanently fastened in place or one level tube may be used in connection with a number of slots.

A single slot or bracket for use with an Abney Level may also be worked out.



Note:

It is very likely that if more than one level tube were used, there would be considerable breakage. The idea of the Abney Level is very good.

The EDITOR.

